

ABSTRACT

The present invention provides a novel method for monitoring the reaction kinetics of the biodegradable polymers, and the surface concentration of a drug in a polymer blend matrix. Detailed information on surface concentration, degradation rates, degradation kinetics and mechanism, is provided by using Time-of-Flight Secondary Ion Mass Spectrometry (ToF SIMS) measurements. Also provided is a method for determining oligomers in hydrolyzed biodegradable polymers.

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